

Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 025098-2802	SERIAL NO. 09/807, 355
SUPPLEMENTAL INFORMATION DISCLOSURE CITATION			
Mailing Date: November 22, 2002 (Use several sheets if necessary)		APPLICANT Peter B. Dervan	
		FILING DATE 04/10/2001	GROUP ART UNIT 1646



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
							RECEIVED
							DEC 02 2003
							TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SR	A	Supplemental European Search Report in EP App. No. 99952908.4, dated 24 October 2002, 3 pages
		RECEIVED
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<i>PR</i>	4/29/04

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## U.S. PATENT DOCUMENTS

INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
SR	A1	4766142	8-23-98	Arcamone et al.	514	422	-
	A2	4912199	3-27-90	Lowe et al.	530	331	-
	A3	5273991	12-28-93	Lee	514	397	-
	A4	5502068	3-26-96	Lown et al	514	397	-
	A5	5578444	11-26-96	Edwards et al.	435	6	-
	A6	5753629	05-19-98	Beria et al	514	18	-
▼	A7	5776502	07-07-98	Foulkes et al.	424	617	-

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES
							NO
SR	A13	WO 92/13091	8-6-92	PCT			
	A14	WO 93/13739	7-22-93	PCT			
	A15	WO 94/20463	9-15-94	PCT			
▼	A16	WO 97/03957	2-6-97	PCT			

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SR	A24	Arcamone, et al., "Synthesis, DNA binding and antiviral activity of distamycin analogues containing different, heterocyclic moieties," Anti-Cancer Drug Design, 1986, Vol. 11, p. 235-244.					
		Arcamone, et al., "Synthesis, DNA-binding properties, and antitumor activity of novel distamycin derivatives," J.Med.Chem., 1989, Vol. 32, p. 774-778.					
	A25	Beran et al., "Tallimustine, an effective antileukemic agent in a severe combined immunodeficient mouse..." Clinical Cancer Research, 1997, Vol. 3, p. 2377-2384.					
		Benz et al., "HER2/Neu and the Ets transcriptionactivator PEA3 are coordinately upregulated in human breast Cancer," Oncogene, 1997, Vol. 15, p. 1513-1525.					
▼	A27	Bosher et al., "The developmentally regulated transcription factor AP-2 is involved in c-erbB-2 overexpression in human mammary carcinoma," Proc. Nat. Acad. Sci. USA, 1995, Vol. 92, p. 744-747.					
A28							

EXAMINER	DATE CONSIDERED
12	7/29/04

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<p>RECEIVED OCT 15 2001 PTO-1449 PATENT &amp; TRADEMARK OFFICE SR</p> <p>A29 Chang et al., "EXS: a structurally unique Ets overexpressed early during human breast tumorigenesis," Oncogene, 1997, Vol. 14, p. 1617-1622.</p>				
<p>A30 Cho et al., "Cyclic polyamides for recognition in the minor groove of DNA," Proc. Nat. Acad. Sci. USA, 1995, Vol. 92, p. 10389-10392.</p>				
<p>A31 Ciucci et al., "Backbone and benzoyl mustard carrying moiety modifies DNA interactions of distamycin analogues," Nucleic Acids Research, 1996, Vol. 24, No. 2, p. 311-315.</p>				
<p>A32 Cozzi et al., "Novel phenyl Nitrogen mustard and half-mustard derivatives of distamycin A," Bioorganic and Medicinal Chemistry Letters, 1997, Vol. 7, No. 23, p. 2985-2990.</p>				
<p>A33 Dennison et al., "Small-molecule-based strategies for controlling genes expression," Chemistry &amp; Biology, June 1998, vol. 5, No. 6, p. 1-17.</p>				
<p>A34 Ebbinghaus, "Triplex formation inhibits HER-2/neu transcription in vitro," J.Clin.Invest, 1993, Vol. 92, p. 2433-2439.</p>				
<p>A35 Geierstranger et al., "Design of a G-C-Specific DNA Minor Groove-Binding Peptide," Science, 1994, Vol. 266, p. 646-650.</p>				
<p>A36 Gottesfeld et al., "Regulation of gene expression by small molecules," Nature, 1997, Vol. 387, p. 202-205.</p>				
<p>A37 Lown et al., "Novel linked antiviral and antitumor agents related to netropsin and distamycin: Synthesis and biological evaluation," J.Med.Chem., 1989, Vol. 32, p. 2368-2375.</p>				
<p>A38 Mrksich et al., "Antiparallel side-by-side dimeric motif for sequence-specific recognition in the minor groove of DNA..." Proc.Nat.Acad.Sci.USA, 1992, Vol. 89, p. 7586-7590.</p>				
<p>A39 Mrksich et al., "Antiparallel side-by-side dimeric motif for sequence-specific recognition in the minor groove of DNA..." American Chemical Society, 1993, Vol. 115, p. 2572-2576.</p>				
<p>A40 Mrksich et al., "Design of a covalent peptide heterodimer for sequence-specific recognition in the minor groove of double-helical DNA," J.of the American Chemical Society, 1994, Vol. 11, p. 3663-3664.</p>				
<p>A41 Mrkish, et al., "Hairpin Peptide Motif: A new class of oligopeptides for sequence-specific recognition in the minor groove of double-helical DNA," J. of the Amer.Chem.Society, 1994, Vol. 116, p. 7983-7988.</p>				
<p>A42 Parks et al., Optimization of the hairpin polyamide design for recognition of the minor groove of DNA," J.Am.Chem.Soc., 1996, Vol. 118, p. 6147-6152.</p>				
<p>A43 Pasleau et al., "Expression of the c-erbB2 gene in the BT474 human mammary tumor cell line: measurement of c-erbB2 mRNA half-life," Oncogene, 1993, Vol. 8, p. 849-854.</p>				

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OCT 15 2001 5-12 SR PATENT & TRADEMARK OFFICE	A44	Pelton et al., "Structural characterization of a 2:1 distamycin A-d(CGCAAATTGGC) complex by two-dimensional NMR," Proc. Nat. Acad. Sci. USA, 1989, vol. 86, p. 5723-5727.
	A45	Scott et al., "Binding of an ETS-related protein within the Dnase I hypersensitive site of the HER2/neu Promotor in human breast cancer cells," J. of Biological Chemistry, 1994, vol. 269, p. 19848-19858.
SR	A46	Tal et al., "Human HER2 (neu) promoter: Evidence for multiple mechanisms for transcriptional initiation," Molecular and Cellular Biology, 1987, Vol. 7, No. 7, p. 2597-2601.
	A47	Trauger et al., "Extension of sequence specific recognition in the minor groove of DNA by pyrrole-imidazole Polyamides to 9-13 base pairs," J. Am. Chem. Soc., 1996, Vol: 118, p. 6160-6166.
	A48	Trauger, et al., "Recognition of DNA by designed ligands at subnanomolar concentrations," Nature, 1996, Vol. 382, No. 8, p. 559-561.
	A49	Wade et al., "Design of peptides that bind in the minor groove of DNA at 5'-(A,T)G(A,T)C(A,T)-3' sequences by a dimeric side-by-side motif," J. of the Amer. Chem. Soc., 1992, vol. 114, p. 8783-8794.
	A50	White et al, "Recognition of the four Watson-Crick base pairs in the DNA minor groove by synthetic ligands," Nature, 1998, Vol. 391, p. 468-471.
	A51	White et al., "Effects of the A-T/T-A degeneracy of pyrrole-Imidazole polyamide recognition in the minor groove of DNA," Biochemistry, 1996, Vol. 35, p. 12532-12537.
	A52	White et al, "On the pairing rules for recognition in the minor groove of DNA by pyrrole-imidazole polyamides," Chemistry & Biology, 1997, Vol. 4, No. 8, p. 569-578.
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